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XXIII. *Extract of Meteorological Observations made at
Hawkhill, near Edinburgh. By John M'Gouan.
Communicated by Sir John Pringle, Bart. P.R.S.*

Read February 26, 1778.

Lat. $55^{\circ} 58'$. } Long. $12^{\circ} 42''$. in time, per
Long. $3^{\circ} 10\frac{1}{2}'$. W. } Astronomical Observations.

Fahrenheit's Thermometer.

1773.					1774.		
Months	1st and 2d half	at 8 h.	A. M.	at 2 h. P. M.	at 8 h.	A	at 2 h. P. M.
January	{ 1 2	39.06 38.06	38.56	40.30	28.46 29.75	29.10	33.00
February	{ 1 2	32.14 38.00	35.07	40.75	34.14 38.28	36.21	40.43
March	{ 1 2	40.46 43.66	42.06	48.45	34.06 40.18	37.12	43.26
April	{ 1 2	42.40 48.80	45.60	51.10	43.13 43.13	43.13	48.90
May	{ 1 2	44.33 52.81	48.57	53.13	46.73 46.50	46.61	50.84
June	{ 1 2	54.13 56.26	55.19	60.06	54.80 55.40	55.10	59.70
July	{ 1 2	56.33 59.06	57.70	61.93	57.40 57.50	57.45	63.32
August	{ 1 2	60.40 56.12	58.26	64.77	58.13 56.37	57.25	62.21
September	{ 1 2	53.26 49.33	51.29	55.83	52.40 51.00	51.70	57.80
October	{ 1 2	47.20 44.87	46.03	50.67	51.06 45.50	48.28	52.84
November	{ 1 2	41.53 34.93	38.23	42.33	40.63 35.50	38.06	42.00
December	{ 1 2	35.60 37.25	36.42	38.48	37.40 37.25	37.32	39.97
Mediums of years at		8 h. A. M. and 2 h. P. M.	46.08			44.86	
				50.65			49.55

1775.					1776.	
Months.	1st and 2d half	at 8 h.	A. M.	at 2 h. P. M.	at 8 h.	A. M.
January	{ 1 2	{ 39.10 36.50 }	37.80	40.80	{ 33.33 25.16 }	29.24½
February	{ 1 2	{ 37.64 40.50 }	39.07	43.96	{ 36.32 35.00 }	35.66
March	{ 1 2	{ 39.80 40.31 }	40.05	44.32	{ 37.60 44.12 }	40.86
April	{ 1 2	{ 44.83 48.83 }	46.83	53.35	{ 43.60 48.20 }	45.90
May	{ 1 2	{ 52.60 52.88 }	52.74	59.61	{ 47.36 51.22 }	49.29
June	{ 1 2	{ 55.66 57.53 }	56.60	60.43	{ 55.00 56.00 }	55.50
July	{ 1 2	{ 58.20 60.06 }	59.13	67.53	{ 58.16 60.56 }	59.36
August	{ 1 2	{ 59.10 56.21 }	57.65	63.67	{ 58.60 54.86 }	56.73
September	{ 1 2	{ 53.20 53.33 }	53.26	58.87	{ 55.00 48.60 }	51.80
October	{ 1 2	{ 48.86 41.75 }	45.30	50.22	{ 48.60 45.38 }	46.99
November	{ 1 2	{ 38.00 37.93 }	37.96	41.10	{ 45.80 36.13 }	40.97
December	{ 1 2	{ 41.16 36.00 }	38.58	41.48	{ 42.54 33.00 }	37.77
Mediums of years at	{ 8 h. A. M. and 2 h. P. M.		47.08			45.84
				52.11		

Depth of rain at Hawkhill, near Edinburgh, in perpendicular inches, for the year 1776.

				Inches
January	—	—	—	3.262
February	—	—	—	2.355
March	—	—	—	1.465
April	—	—	—	1.213
May	—	—	—	.626
June	—	—	—	2.367
July	—	—	—	3.075
August	—	—	—	2.410
September	—	—	—	2.755
October	—	—	—	1.735
November	—	—	—	2.750
December	—	—	—	2.080
Total rain				<hr/> 26.093

